

**WASHINGTON STATE DEPARTMENT OF ECOLOGY
CENTRAL REGIONAL OFFICE
15 W YAKIMA, SUITE 200
YAKIMA, WASHINGTON 98902**

IN THE MATTER OF THE COMPLIANCE BY) AIR OPERATING PERMIT
WASTE MANAGEMENT OF WASHINGTON) No. 14AQ-C192
GREATER WENATCHEE REGIONAL LANDFILL AND RECYCLING CENTER)
with Section 70.94.161 RCW, Operating Permits for Air Contaminant Sources,) **FINAL PERMIT**
and the applicable rules and regulations of the Department of Ecology)

To: Waste Management of Washington
Greater Wenatchee Regional Landfill and Recycling Center
191 Webb Road
East Wenatchee, Washington 98802

Issuance Date: September 4, 2014
Effective Date: September 8, 2014
Expiration Date: September 7, 2019

Responsible Officials:

Dave Lowe, District Manager, Waste Management of Washington
Paul Burns, Director of Operations, Waste Management of Washington

Source Location: 191 Webb Road, East Wenatchee, Washington 98802

Legal Authority: This AIR OPERATING PERMIT is issued under the authority and provisions of the Federal Clean Air Act, (42 U.S.C. 7401, et seq.), the Washington Clean Air Act, Chapter 70.94 Revised Code of Washington and the Operating Permit Regulation, Chapter 173-401 Washington Administrative Code.

Hereinafter, Waste Management Disposal Services of Washington Incorporated is called "the Permittee". The Permittee is required to comply with the provisions contained within this permit.

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LIST OF ABBREVIATIONS

%	Percent
BTEX	Benzene, toluene, ethylene, xylene
Btu	British thermal unit
CFC	Chlorofluorocarbons
CFR	Code of Federal Regulations
CH ₄	Methane
CO	Carbon Monoxide
CO ₂	Carbon dioxide
Ecology	Washington State Department of Ecology
EPA	United States Environmental Protection Agency
°F	Degrees Fahrenheit
FCAA	Federal Clean Air Act
FDCP	Fugitive Dust Control Plan
F	Federally enforceable requirement
H ₂ S	Hydrogen sulfide
HCl	Hydrogen chloride
ID	Identification
lb/MMBtu	Pounds per million British thermal units
LFG	Landfill gas
Mg	Megagrams
MVAC	Motor Vehicle Air Conditioner
NE	Northeast
NESHAP	National Emission Standard for Hazardous Air Pollutants
NMOC	Non-Methane Organic Compound
NOC	Notice of Construction
NO _x	Oxides of Nitrogen
NSPS	New Source Performance Standard
O ₂	Oxygen
OIMP	Odor Impact Minimization Plan
O&M	Operations and Maintenance
PCC	Point classification code
PCS	Petroleum contaminated soil
PM	Particulate Matter
PM _{2.5}	Particulate Matter with aerodynamic diameter ≤ 2.5 micrometers
PM ₁₀	Particulate Matter with aerodynamic diameter ≤ 10 micrometers
ppm _v	Parts per million by volume
PSD	Prevention of Significant Deterioration
RACT	Reasonably Available Control Technology
RCW	Revised Code of Washington
RM	Reference method
S	State Only Enforceable Requirement
SCC	Standard classification code
scf	Standard cubic feet
scfm	Standard cubic feet per minute
SIC	Source industrial classification
SIP	State Implementation Plan
SO ₂	Sulfur Dioxide
SO _x	Oxides of sulfur
TAP	Toxic air pollutant
TPH	Total petroleum hydrocarbon
TSP	Total Suspended Particulate
EPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound
vph	Vehicles per hour
WAC	Washington Administrative Code

AIR OPERATING PERMIT CONDITIONS

1.0 EMISSION UNIT IDENTIFICATION

The requirements identified in this permit apply to all air emissions from Greater Wenatchee Regional Landfill and Recycling Center, located at 191 Webb Road in East Wenatchee, Washington. Specific requirements for the processes of the source are listed in Section 6 of this permit. The permitted emission processes are listed in the table below.

Source Description	Emission Points	Control Device¹	Process Description
Solid waste landfill (see Table 6.2)	1 stack	Active gas collection, enclosed landfill gas flare, and dust control (see Tables 6.1 through 6.3, and 6.4)	The permitted capacity of the non-hazardous solid waste landfill is approximately 30 million cubic meters (39.2 million cubic yards), with a permitted acceptance rate of up to 810,940 tons per year of solid waste. The landfill gas collection system consists of vertical extraction wells and horizontal extraction trenches, a gas condensate knockout, a motor blower, and an enclosed flare. The enclosed flare has a maximum design capacity of 60.5 MMBtu/hr and is permitted to combust up to 2,000 scfm of landfill gas at a minimum temperature of 1,500 °F. Petroleum contaminated soil may be used as a daily cover in the landfill, with resulting uncontrolled volatilization of petroleum.
Petroleum contaminated soil and screening (see Table 6.4)			Screening of petroleum contaminated soil is limited to 28,786 tons per year.
Gasoline dispensing facility (see Table 6.5)			The gasoline dispensing facility includes a 100 gallon gasoline storage tank. The tank has a reported throughput of less than 10,000 gallons per month.

¹ Does not include control devices classified as insignificant emission units or inherent process equipment.

2.0 PERMIT PROVISOS

2.1 Permit Shield

- 2.1.1 Compliance with the conditions of this permit shall be deemed compliance with those applicable requirements that are specifically included in and identified in the permit as of the date of permit issuance. [WAC 173-401-640(1), 4/2/14]
- 2.1.2 The permit shield shall not apply to any insignificant emissions unit or activity designated under WAC 173-401-530. [WAC 173-401-530(3), 4/2/14]

2.2 Severability

If any provision of this permit is held to be invalid, all unaffected provisions of the permit shall remain in effect and be enforceable. [WAC 173-401-620(2)(h), 4/2/14; RCW 70.94.905, 2013 (S)]

2.3 Property Rights

This permit does not convey any property rights of any sort, or any exclusive privilege. [WAC 173-401-620(2)(d), 4/2/14]

2.4 Transfer of Ownership or Operation

A change in ownership or operational control of this source is treated as an administrative permit amendment if no other change in this permit is necessary and provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new permittee has been submitted to Ecology. [WAC 173-401-720(1)(d), 4/2/14]

2.5 Emissions Trading

No permit revision shall be required, under any approved economic incentives, marketable permits, emission trading, and other similar programs or processes for changes that are provided for in this permit. [WAC 173-401-620(2)(g), 4/2/14]

2.6 Enforceability

All terms and conditions of the permit are enforceable by the United States Environmental Protection Agency (EPA) and citizens, unless specifically designated as state-only enforceable (S). [WAC 173-401-625, 4/2/14]

2.7 General Obligation - Exclusions

Nothing in this permit shall alter or affect the following:

- 2.7.1 The provisions of section 303 of the Federal Clean Air Act (FCAA) (emergency orders), including the authority of the administrator under that section.
- 2.7.2 The liability of an owner or operator of a source for any violation of applicable requirements prior to, or at the time of, permit issuance.
- 2.7.3 The applicable requirements of the acid rain program, consistent with section 408(a) of the FCAA.
- 2.7.4 The ability of EPA to obtain information from a source pursuant to section 114 of the FCAA.
- 2.7.5 The ability of Ecology to establish or revise requirements for the use of Reasonably Available Control Technology (RACT) as provided in Chapter 252, Laws of 1993.

[WAC 173-401-640(4), 4/2/14; NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.11.8]

2.8 Reasonably Available Control Technology

- 2.8.1 Emission standards and other requirements contained in rules or regulatory orders in effect at the time of operating permit issuance or renewal shall be considered RACT for purpose of permit issuance or renewal.
- 2.8.2 This does not preclude RACT determinations under Section 8, Chapter 252, Laws of 1993, which shall be incorporated into an operating permit as provided in WAC 173-401-730.

[WAC 173-401-605(3), 4/2/14; RCW 70.94.154, 2013 (S)]

2.9 Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [WAC 173-401-620(2)(b), 4/2/14; NOC Order No. 08AQ-C062, 7/9/08, Condition 2.9.9]

2.10 Permit Actions

- 2.10.1 This permit may be modified, revoked, reopened, and reissued, or terminated for cause.
- 2.10.2 The filing of a request by the Permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

[WAC 173-401-620(2)(c), 4/2/14]

2.11 Permit Continuation

- 2.11.1 This permit and all terms and conditions contained therein, including any permit shield provided under WAC 173-401-640, shall not expire until the renewal permit has been issued or denied if a timely and complete renewal application has been submitted.
- 2.11.2 An application shield granted pursuant to WAC 173-401-705(2) shall remain in effect until the renewal permit has been issued or denied if a timely and complete renewal application has been submitted.

[WAC 173-401-620(2)(j), 4/2/14]

2.12 Permit appeals

You have a right to appeal this permit to the Pollution Control Hearings Board (PCHB) within 30 days of the date of receipt of this permit. The appeal process is governed by Chapter 43.21B RCW and Chapter 371-08 WAC. "Date of receipt" is defined in RCW 43.21B.001(2).

To appeal you must do all of the following within 30 days of the date of receipt of this permit:

- File your appeal and a copy of this permit with the PCHB (see addresses below). Filing means actual receipt by the PCHB during regular business hours.
- Serve a copy of your appeal and this permit on Ecology in paper form - by mail or in person (see addresses below); e-mail is not accepted.

You must also comply with other applicable requirements in Chapter 43.21B RCW and Chapter 371-08 WAC.

Address and Location Information:

Street Addresses	Mailing Addresses
Department of Ecology Attn: Appeals Processing Desk 300 Desmond Drive SE Lacey, WA 98503	Department of Ecology Attn: Appeals Processing Desk PO Box 47608 Olympia, WA 98504-7608
Pollution Control Hearings Board 1111 Israel RD SW STE 301 Tumwater, WA 98501	Pollution Control Hearings Board PO Box 40903 Olympia, WA 98504-0903

[RCW 70.94.221, 2013 (S)]

This provision for appeal in this section is separate from and additional to any federal rights to petition and review under Section 505(b) of the FCAA. [WAC 173-401-620(2)(i), 4/2/14]

3.0 PERMIT ADMINISTRATION

3.1 Duty to Comply

- 3.1.1 The Permittee must comply with all conditions of this WAC 173-401 permit.
- 3.1.2 Any permit noncompliance constitutes a violation of Chapter 70.94 RCW and, for federally enforceable provisions, a violation of the FCAA. Such violations are grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

[WAC 173-401-620(2)(a), 4/2/14; NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.11.7]

3.2 Inspection and Entry

Upon presentation of credentials and other documents as may be required by law, the Permittee shall allow Ecology, or an authorized representative to perform the following:

- 3.2.1 Enter upon the Permittee's premises where a Chapter 173-401 WAC source is located or emissions-related activity is conducted, or where records must be kept under the conditions of this permit.
- 3.2.2 Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit.
- 3.2.3 Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
- 3.2.4 As authorized by WAC 173-400-105 and the FCAA, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or other applicable requirements.

[WAC 173-401-630(2), 4/2/14; RCW 70.94.200, 2013 (S); NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.11.3; NOC Order No. 08AQ-C062, 7/9/08, Condition 2.9.6]

- 3.2.4.1 Ecology may require the Permittee to conduct stack and/or ambient air monitoring and report the results to Ecology. [WAC 173-400-105(2), 8/20/93, 4/2/14 (S)]
- 3.2.4.2 Ecology may conduct or require that a test be conducted using approved EPA methods from 40 CFR 60 Appendix A or approved procedures contained in "Source Test Manual - Procedures for Compliance Testing," Ecology, 7/12/90. The Permittee may be required to provide platform and sampling ports. Ecology shall be allowed to obtain a sample from any emissions unit. The Permittee shall be given the opportunity to observe the sampling and to obtain a sample at the same time. [WAC 173-400-105(4), 8/20/93, 4/2/14 (S)]
- 3.2.5 Ecology may conduct source tests and require access to records, books, files, and other information specific to the control, recovery, or release of pollutants regulated under 40 CFR Part 61. [WAC 173-400-075(2), 4/2/14 (S)]
- 3.2.6 No person shall obstruct, hamper, or interfere with any such authorized representative while in the process of carrying out his official duties. [RCW 70.94.200, 2013 (S)]

3.3 **Permit Fees**

- 3.3.1 The Permittee shall pay fees as a condition of this permit in accordance with Ecology's fee schedule.
- 3.3.2 Failure to pay fees in a timely fashion shall subject the Permittee to civil and criminal penalties as prescribed in chapter 70.94 RCW. Ecology may revoke this permit if the permit fees are not paid per WAC 173-401-930(3).

[WAC 173-401-620(2)(f), 4/2/14; RCW 70.94.162(1), 2013 (S); WAC 173-401-930, 4/2/14]

3.4 **Duty to Provide Information**

- 3.4.1 The Permittee shall furnish to Ecology, within a reasonable time, any information that Ecology may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit.
- 3.4.2 Upon request, the Permittee shall also furnish to Ecology copies of records required to be kept by the permit or, for information claimed to be confidential, the Permittee may furnish such records directly to the administrator along with a claim of confidentiality. Permitting authorities shall maintain confidentiality of such information in accordance with RCW 70.94.205.

[WAC 173-401-620(2)(e), 4/2/14]

3.5 **Recordkeeping**

- 3.5.1 The Permittee shall keep records of required monitoring information that includes, where applicable, the following:
 - 3.5.1.1 The date, place, and time of sampling or measurements.

- 3.5.1.2 The date(s) analyses were performed.
- 3.5.1.3 The company or entity that performed the analyses.
- 3.5.1.4 The analytical techniques or methods used.
- 3.5.1.5 The results of such analyses.
- 3.5.1.6 The operating conditions as existing at the time of sampling or measurement.

[WAC 173-401-615(2)(a), 4/2/14]

- 3.5.2 The Permittee shall keep records describing changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes. [WAC 173-401-615(2)(b), 4/2/14]
- 3.5.3 The Permittee shall retain records of all required monitoring data and support information for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings from continuous monitoring instrumentation, and copies of all reports required by this permit. [WAC 173-401-615(2)(c), 4/2/14; NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.8.2; NOC Order No. 08AQ-C062, 7/9/08, Condition 2.9.1]

3.6 **Reporting**

- 3.6.1 The Permittee shall submit reports of any required monitoring (i.e., Monitoring Recordkeeping and Reporting column of Section 6) at least once every six (6) months. At a minimum, reports for April 1st through September 30th and October 1st through March 31st, shall be due **November 15th** and **May 15th**, respectively. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by a responsible official consistent with WAC 173-401-520. [WAC 173-401-615(3)(a), 4/2/14]
- 3.6.2 The Permittee shall report deviations from permit requirements, including those attributable to upset conditions, the probable cause of such deviations, and any corrective actions or preventative measures taken. Such deviations shall be reported '**promptly**'. For deviations which represent a potential threat to human health or safety, 'promptly' means as soon as possible, but in no case later than twelve (12) hours after the deviation is discovered. The source shall maintain a contemporaneous record of all deviations. Other deviations shall be reported no later than **thirty (30) days** after the end of the month during which the deviation is discovered. Copies of reports shall be sent to Ecology at:

Air Quality Section Manager
Department of Ecology
15 West Yakima Avenue, Suite 200
Yakima, Washington 98902

[WAC 173-401-615(3)(b), 4/2/14]

3.7 **Excess Emissions**

- 3.7.1 Excess emissions due to emergency. The Permittee may seek to establish that noncompliance with a technology-based emission limitation under this permit was due to an emergency. To do so, the Permittee shall demonstrate the affirmative defense of emergency through properly signed, contemporaneous operating logs, or other relevant evidence that:
 - 3.7.1.1 An emergency occurred and that the Permittee can identify the cause(s) of the emergency.
 - 3.7.1.2 The permitted source was at the time being properly operated.
 - 3.7.1.3 During the period of the emergency the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards, or other requirements in this permit.

- 3.7.1.4 The Permittee submitted notice of the emergency to Ecology within **two (2) working days** of the time when emission limitations were exceeded due to the emergency or shorter periods of time specified in an applicable requirement. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

[WAC 173-401-645, 4/2/14]

- 3.7.2 Unavoidable excess emissions. Excess emissions determined to be unavoidable under the procedures and criteria in WAC 173-400-107 shall be excused and not subject to penalty.
- 3.7.2.1 The Permittee shall have the burden of proving to Ecology that excess emissions were unavoidable. This demonstration shall be a condition to obtaining relief under 3.7.2.2, 3.7.2.3, or 3.7.2.4.
- 3.7.2.2 Excess emission due to startup or shutdown conditions shall be considered unavoidable provided the source reports as required under Condition 3.7.2.5 and adequately demonstrates that the excess emissions could not have been prevented through careful planning and design and if a bypass of control equipment occurs, that such bypass is necessary to prevent loss of life, personal injury, or severe property damage.
- 3.7.2.3 Excess emission due to scheduled maintenance shall be considered unavoidable if the source reports as required under Condition 3.7.2.5 and adequately demonstrates that the excess emissions could not have been avoided through reasonable design, better scheduling for maintenance or through better operation and maintenance practices.
- 3.7.2.4 Excess emissions due to upsets shall be considered unavoidable provided the source reports as required under Condition 3.7.2.5 and adequately demonstrates that:
- 3.7.2.4.1 The event was not caused by poor or inadequate design, operation, maintenance, or any other reasonably preventable condition.
- 3.7.2.4.2 The event was not of a recurring pattern indicative of inadequate design, operation, or maintenance.
- 3.7.2.4.3 The operator took immediate and appropriate corrective action in a manner consistent with good air pollution control practice for minimizing emissions during the event, taking into account the total emissions impact of the corrective action, including slowing or shutting down the emission unit as necessary to minimize emissions, when the operator knew or should have known that an emission standard or permit condition was being exceeded.
- 3.7.2.5 Required reporting. Excess emissions which represent a potential threat to human health or safety or which the owner or operator of the source believes to be unavoidable shall be reported to Ecology or the authority **as soon as possible**. Other excess emissions shall be reported within **thirty (30) days** after the end of the month during which the event occurred or as part of the routine emission monitoring reports. Upon request by Ecology, the Permittee shall submit a full written report including the known causes, the corrective actions taken, and the preventative measures to be taken to minimize or eliminate the chance of recurrence.

[WAC 173-400-107, 8/20/93, 4/2/14 (S)]

3.8 Submittals

- 3.8.1 Reports, test data, monitoring data, and notifications, required by this permit, and requests for permit renewal shall be submitted to Ecology at:

Air Quality Section Manager
Department of Ecology
15 West Yakima Avenue, Suite 200
Yakima, Washington 98902

- 3.8.2 Any application form, report, or compliance certification submitted pursuant to this permit shall contain certification by a responsible official of truth, accuracy, and completeness. All certifications shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

[WAC 173-401-520, 4/2/14]

3.9 Emission Inventory

- 3.9.1 Permittee shall submit an inventory of emissions from the source for each calendar year. The inventory shall include segmented stack and fugitive emissions of TSP, PM10, PM2.5, SOX, CO, NOX, VOC, lead, and ammonia. The inventory shall also include the data elements of: inventory year, inventory start date, inventory end date, contact name, contact phone number, Federal Information Processing Standard code, facility identification codes, unit identification code, process identification code, stack identification code, site name, physical address, Standard Classification Code, heat content (fuel) (annual average), ash content (fuel) (annual average), sulfur content (fuel) (annual average), pollutant code, activity/throughput (for each period reported), annual emissions, emission factor, winter throughput (percent), spring throughput (percent), summer throughput (percent), fall throughput (percent), hr/day in operation, days per week in operation, weeks per year in operation, as defined in 40 CFR Part 51, Subpart A, Appendix A, 7/1/13. The inventory shall be submitted for each calendar year, no later than April 15th of the following year.
- 3.9.2 Additionally, the inventory for calendar years 2017 and 2020 shall specify: X stack coordinate (longitude), Y stack coordinate (latitude), method accuracy description codes, stack height, stack diameter, exit gas temperature, exit gas velocity, exit gas flow rate, North American Industry Classification System code at the Facility level, design capacity, maximum generator nameplate capacity, primary capture and control efficiencies (%), total capture and control efficiency (%), control device type, emission type, emission release point type, and rule effectiveness (%), as defined in 40 CFR Part 51, Subpart A, Appendix A, 7/1/13.
- 3.9.3 The source shall maintain records of information necessary to substantiate any reported emissions, consistent with the averaging times for the applicable standards. Emission inventories shall be entered into the Washington Emissions Inventory Repository System (WEIRS). To access WEIRS, the Permittee, a representative of the Permittee, or both will need to create or more Secure Access Washington accounts, and request admittance to the WEIRS system. WEIRS was formerly known as the Washington Emissions Inventory Repository Database, and may be referred to as such in some instances. Secure Access Washington can be accessed at:

<https://secureaccess.wa.gov/>

[WAC 173-400-105(1), 8/20/93, 4/2/14 (S); 40 CFR Part 51, Subpart A, Appendix A, 7/1/13]

3.10 Reporting of Emissions of Greenhouse Gases (GHGs)

If the Permittee emits 10,000 metric tons of GHGs or more per calendar year, as defined under WAC 173-441-020(1)(g), reporting of GHG to Ecology is mandatory. (Note: WAC 173-441-030(5) details reporting requirements for facilities which historically exceed the threshold, but currently have lower carbon dioxide equivalent emissions.)

The Permittee shall develop a written GHG monitoring plan in accordance with WAC 173-441-050(6)(e). The Permittee shall revise the GHG monitoring plan as needed to reflect changes in processes, monitoring instrumentation, and quality assurance procedures; or to improve procedures for the maintenance and repair of monitoring systems to reduce the frequency of monitoring equipment downtime.

[WAC 173-441-050(6), 4/2/14 (S)]

Reports must meet the requirements of WAC 173-441-050, and include the annual emissions of the GHGs listed in WAC 173-441-040 from source categories listed in WAC 173-441-120. The annual GHG report shall be submitted electronically in accordance with the requirements of WAC 173-441-050 and 173-441-060 and in a format specified by Ecology. Report submission due dates:

- 3.10.1 Facilities required to report GHG emissions to the EPA under 40 CFR Part 98, must submit a report to Ecology no later than **March 31st** of each calendar year for GHG emissions in the previous calendar year.
- 3.10.2 Facilities not required to report GHG emissions to the EPA under 40 CFR Part 98, must submit a report to Ecology no later than **October 31st** of each calendar year for GHG emissions in the previous calendar year. (Note: The Permittee is anticipated to trigger this report deadline.)

All requests, notifications, and communications to Ecology pursuant GHG emissions reporting, other than submittal of the annual GHG report, shall be submitted to the following address:

Greenhouse Gas Report
Air Quality Program
Department of Ecology
P.O. Box 47600
Olympia, WA 98504-7600

The Permittee shall submit a revised annual GHG report within forty-five days of discovering that an annual GHG report that the person previously submitted contains one or more substantive errors. A substantive error is an error that impacts the quantity of GHG emissions reported or otherwise prevents the reported data from being validated or verified. The revised report must correct all substantive errors.

Ecology may notify the Permittee in writing that an annual GHG report previously submitted contains one or more substantive errors. Such notification will identify each such error. The Permittee shall, within forty-five days of receipt of the notification, either resubmit the report that, for each identified substantive error, corrects the identified substantive error (in accordance with the applicable requirements of this permit) or provide information demonstrating that the previously submitted report does not contain the identified substantive error or that the identified error is not a substantive error.

[WAC 173-441-050, 4/2/14 (S); WAC 173-441-100, 4/2/14 (S)]

The Permittee shall maintain records in accordance with WAC 173-441-050, retaining, at a minimum, the following:

- 3.10.3 A list of all units, operations, processes, and activities for which GHG emissions were calculated.
- 3.10.4 The data used to calculate the GHG emissions for each unit, operation, process, and activity, categorized by fuel or material type. These data include, but are not limited to, the following information:
 - 3.10.4.1 The GHG emissions calculations and methods used, as required by WAC 173-441-120.
 - 3.10.4.2 Analytical results for the development of site-specific emissions factors.
 - 3.10.4.3 The results of all required analyses for high heat value, carbon content, and other required fuel or feedstock parameters.
 - 3.10.4.4 Any facility operating data or process information used for the GHG emission calculations.
- 3.10.5 Copies of the annual GHG reports.
- 3.10.6 Missing data computations. For each missing data event, also retain a record of the cause of the event and the corrective actions taken to restore malfunctioning monitoring equipment.
- 3.10.7 The results of all required certification and quality assurance tests of continuous monitoring systems, fuel flow meters, and other instrumentation used to provide data for the GHGs reported under this chapter.
- 3.10.8 Maintenance records for all continuous monitoring systems, flow meters, and other instrumentation used to provide data for the GHGs reported under this chapter.

[WAC 173-441-050(6), 4/2/14 (S)]

All costs of activities associated with administering the reporting program, as described in RCW 70.94.151(2), are fee eligible. The Permittee must pay a reporting fee for each year they submit a report to Ecology. [WAC 173-441-110(1), 4/2/14 (S)]

3.11 **Permit Renewal and Expiration**

3.11.1 This permit is issued for a fixed term of five (5) years. The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted. [WAC 173-401-610, 4/2/14; WAC 173-401-710(3), 4/2/14]

3.11.2 A renewal application is due **March 7, 2018**. A complete renewal application is due no later than **September 7, 2018**. Upon receipt of a complete and timely application for renewal, this source may continue to operate subject to final action by Ecology on the renewal application. This protection shall cease to apply if, subsequent to the completeness determination, the applicant fails to submit by the deadline specified in writing by Ecology, any additional information identified as being needed to process the application. [WAC 173-401-620(2)(j), 4/2/14; WAC 173-401-705(2), 4/2/14; WAC 173-401-710(1), 4/2/14]

3.11.3 The application for renewal shall include the current permit number, the appropriate renewal fee, description of permit revisions and off-permit changes that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term and shall provide a compliance schedule therefore. The application shall be sent to:

Air Quality Section Manager
Department of Ecology
15 West Yakima Avenue, Suite 200
Yakima, Washington 98902

[WAC 173-401-500(4), 4/2/14; WAC 173-401-510(2), 4/2/14]

3.11.4 Duty to supplement or correct application. The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information. The Permittee shall also provide additional information as necessary to address any requirements that become applicable to the source after the date a complete renewal application was submitted but prior to release of a draft permit. [WAC 173-401-500(6), 4/2/14]

3.12 **Off-Permit Changes**

3.12.1 The source shall be allowed to make changes not specifically addressed or prohibited by the permit terms and conditions without requiring a permit revision, provided that the proposed changes do not weaken the enforceability of the existing permit conditions. Any change that is a Title I modification or is a change subject to the acid rain requirements under Title IV of the FCAA must be submitted as a permit revision.

3.12.2 Each such change shall meet all applicable requirements and shall not violate any existing permit term or condition.

3.12.3 Sources must provide contemporaneous written notice to Ecology and EPA of each such change. Notification shall be submitted to Ecology at:

Air Quality Section Manager
Department of Ecology
15 West Yakima Avenue, Suite 200
Yakima, Washington 98902

and EPA Region 10 at:

Part 70 Permit Coordinator/Laurie Kral
EPA Region 10
AWT-107
1200 Sixth Avenue
Seattle, Washington 98101

Such written notice shall describe each such change, including the date, any change in

emissions, pollutants emitted, and any applicable requirement that would apply as a result of the change.

- 3.12.4 The change shall not qualify for the permit shield under WAC 173-401-640.
- 3.12.5 The Permittee shall keep a record describing changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes.
- 3.12.6 A source making a change under this section shall comply with applicable preconstruction review requirements established pursuant to RCW 70.94.152.

[WAC 173-401-724, 4/2/14]

3.13 **Changes Not Requiring Permit Revisions**

- 3.13.1 The Permittee is authorized to make the changes described in this section without a permit revision, providing the following conditions are met:

- 3.13.1.1 The proposed changes are not Title I modifications.
- 3.13.1.2 The proposed changes do not result in emissions which exceed those allowable under the permit, whether expressed as a rate of emissions, or in total emissions.
- 3.13.1.3 The proposed changes do not alter permit terms that are necessary to enforce limitations on emissions from units covered by the permit.
- 3.13.1.4 The source provides the administrator and Ecology with written notification at least seven (7) days prior to making the proposed changes except that written notification of a change made in response to an emergency shall be provided as soon as possible after the event.

Air Quality Section Manager
Department of Ecology
15 West Yakima Avenue, Suite 200
Yakima, Washington 98902

and EPA Region 10 at:

Part 70 Permit Coordinator/Laurie Kral
EPA Region 10
AWT-107
1200 Sixth Avenue
Seattle, Washington 98101

The Permittee and Ecology shall attach each notice to their copy of the relevant permit.

- 3.13.2 Pursuant to Conditions in 3.13.1, a Chapter 173-401 WAC source is authorized to make section 502(b)(10) changes without a permit revision.
 - 3.13.2.1 For each such change, the written notification required under Condition 3.13.1.4 shall include a brief description of the change within the permitted source, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.
 - 3.13.2.2 The permit shield authorized under WAC 173-401-640 shall not apply to any change made pursuant to this paragraph.
- 3.13.3 Pursuant to the Conditions in 3.13.1, a Chapter 173-401 WAC source is authorized to trade increases and decreases in emissions in the permitted source, where the Washington State Implementation Plan (SIP) provides for such emissions trades without requiring a permit revision. This provision is available in those cases where the permit does not already provide for such emissions trading.
 - 3.13.3.1 Written notification required under Condition in 3.13.1.4 shall include such information as may be required by the provision in the Washington SIP authorizing the emissions trade, including at a minimum, when the proposed change will occur, a

description of each such change, any change in emissions, the permit requirements with which the source will comply using the emissions trading provisions of the Washington SIP, and the pollutants emitted subject to the emissions trade. The notice shall also refer to the provisions with which the source will comply in the applicable implementation plan and that provide for the emissions trade.

- 3.13.3.2 The permit shield described in WAC 173-401-640 shall not extend to any change made under this paragraph. Compliance with the permit requirements that the source will meet using the emissions trade shall be determined according to requirements of the applicable SIP authorizing the emissions trade.
- 3.13.4 Upon the request of the Permittee, Ecology shall issue permits that contain terms and conditions, including all terms required under WAC 173-401-600 through 173-401-630 to determine compliance, allowing for the trading of emissions increases and decreases in the WAC 173-401 source solely for the purpose of complying with a federally enforceable emissions cap that is established in the permit independent of otherwise applicable requirements. The Permittee shall include in its application proposed replicable procedures and permit terms that ensure the emissions trades are quantifiable and enforceable. The emissions trading provisions shall not be applied to any emissions units for which emissions are not quantifiable or for which there are no replicable procedures to enforce the emissions trades.
 - 3.13.4.1 Under this paragraph, the written notification required under Condition in 3.13.1.4, shall state when the change will occur and shall describe the changes in emissions that will result and how these increases and decreases in emissions will comply with the terms and conditions of the permit.
 - 3.13.4.2 The permit shield described in WAC 173-401-640 shall extend to terms and conditions that allow such increases and decreases in emissions.
- 3.13.5 A source making a change under this section shall comply with applicable preconstruction review requirements established pursuant to 70.94.152 RCW.

[WAC 173-401-722, 4/2/14]

3.14 **Reopening for Cause**

- 3.14.1 Permits shall be reopened and revised under any of the following circumstances:
 - 3.14.1.1 Additional applicable requirements become applicable to a Chapter 173-401 WAC source with a remaining permit term of three (3) or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirements. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions have been extended pursuant to WAC 173-401-620(2)(j).
 - 3.14.1.2 Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by the administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.
 - 3.14.1.3 Ecology or the administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
 - 3.14.1.4 The administrator or Ecology determines that the permit must be revised or revoked to assure compliance with the applicable requirements.
- 3.14.2 Proceedings to reopen and issue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable.
- 3.14.3 Reopenings under this section shall not be initiated before a notice of such intent is provided to the Chapter 173-401 WAC source by Ecology at least thirty (30) days in advance of the date

that the permit is to be reopened, except that Ecology may provide a shorter time period in the case of an emergency.

[WAC 173-401-730, 4/2/14]

3.15 New Source Review

The Permittee shall not construct new sources or make modifications required to be reviewed under WAC 173-400-110, WAC 173-400-113, WAC 173-400-720, or Chapter 173-460 WAC before the Permittee obtains written final approval from Ecology in accordance with those regulations, and pays the cost of public notice described in WAC 173-400-171. [WAC 173-400-110, 8/20/93, 4/2/14 (S); WAC 173-400-113, 8/20/93, 4/2/14 (S); WAC 173-400-720, 8/20/93, 4/2/14 (S); WAC 173-400-171, 8/20/93, 4/2/14 (S); WAC 173-460-040, 4/2/14 (S); RCW 70.94.152, 2013 (S)]

3.16 Replacement or Substantial Alteration of Emission Control Technology

3.16.1 Prior to replacing or substantially altering emission control technology subject to review under WAC 173-400-114, the Permittee shall file for and obtain approval from Ecology according to that regulation.

3.16.2 The Permittee shall pay the appropriate fees required by WAC 173-455-100(4) prior to commencing construction.

[WAC 173-455-100(1), 4/2/14 (S); WAC 173-400-114(1), 4/2/14 (S); RCW 70.94.153, 2013 (S)]

3.17 Nonroad Engines

Prior to installation or operation of a nonroad engine, as defined at WAC 173-400-030(56), the Permittee shall meet the requirements of WAC 173-400-035. If the nonroad engine(s) has a cumulative maximum rated brake horsepower greater than 500, a notification of intent to operate will be submitted to Ecology. If the nonroad engine(s) has a cumulative maximum rated brake horsepower greater than 2,000, the Permittee will not operate the engine(s) unless Ecology issues written approval to operate. [WAC 173-400-035, 4/2/14 (S)]

3.18 Demolition and Renovation (Asbestos)

Prior to, during, and after conducting any activity to which 40 CFR 60, Subpart M - National Emission Standard for Asbestos, applies, the Permittee shall comply with the requirements of that rule. Such activities include demolition, renovation, asbestos stripping or removal, installing or reinstalling insulation, manufacturing or fabricating certain items, spraying of certain materials, constructing roadways of certain materials, or disposal. [40 CFR 61, Subpart M, 7/1/13; WAC 173-400-075(1), 4/2/14 (S)]

3.19 Federal CFC Requirements (Title VI)

3.19.1 The Permittee shall comply with the following standards for recycling and emissions reductions pursuant to 40 CFR 82, Subpart F, except as provided for MVACs in Subpart B:

3.19.1.1 Persons conducting maintenance, service, repair, or disposing must follow the prohibitions pursuant to 40 CFR 82.154.

3.19.1.2 Persons opening appliances for maintenance, service, repair or disposal must comply with the required practices pursuant to 40 CFR 82.156.

3.19.1.3 Equipment used during the maintenance, service, repair or disposal must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.

3.19.1.4 Persons performing maintenance, service, repair or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

3.19.1.5 Persons conducting maintenance, service, repair, or disposing must certify to the Administrator that such person has acquired certified recovery or recycling equipment pursuant to 40 CFR 82.162.

3.19.1.6 Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166.

- 3.19.1.7 Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156.
 - 3.19.1.8 Owners/operators of appliances normally containing 50 or more pounds of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.
 - 3.19.2 If the Permittee manufactures, transforms, imports, or exports a class I or class II substance, the Permittee is subject to all the requirements as specified in 40 CFR 82, Subpart A - Production and Consumption Controls.
 - 3.19.3 If the Permittee performs a service on motor (fleet) vehicles and when this service involves ozone depleting substance refrigerant in the MVAC, the Permittee is subject to all applicable requirements as specified in 40 CFR 82, Subpart B - Servicing of Motor Vehicle Air Conditioners.
 - 3.19.4 The Permittee shall be allowed to switch from any ozone depleting substance to any alternative that is listed in the Significant New Alternative Program promulgated pursuant to 40 CFR 82, Subpart G - Significant New Alternative Policy Program.
- [40 CFR 82, 7/1/13; RCW 70.94.970, 2013 (S)]

4.0 OPERATIONAL FLEXIBILITY

In the event that an emission unit is not operated during a period equal to or greater than the monitoring period designated, no monitoring is required. Recordkeeping and reporting must note the reason why and length of time that the emission unit was not operated. [WAC 173-401-650(1), 4/2/14]

5.0 COMPLIANCE PLAN

- 5.1 The Permittee shall continue to comply with applicable requirements with which it is currently in compliance.
- 5.2 The Permittee shall meet applicable requirements on a timely basis that become effective during the permit term.
- 5.3 **Compliance Certification.**
 - 5.3.1 The Permittee shall submit a certification of compliance with permit terms and conditions (i.e., Sections 3, 4, 5, and 6) at least once per year. At a minimum a certification of compliance is due, for each April 1st through March 31, no later than the following **May 15th**. Ecology may require that compliance certifications be submitted more frequently for those emission units not in compliance with permit terms and conditions, or where more frequent certification is specified in the applicable requirement.
 - 5.3.2 The compliance certification shall include the following:
 - 5.3.2.1 The identification of each term or condition of the permit that is the basis of the certification.
 - 5.3.2.2 The compliance status.
 - 5.3.2.3 Whether compliance was continuous or intermittent.
 - 5.3.2.4 The method(s) used for determining the compliance status of the source, currently and over the reporting period consistent with WAC 173-401-615(3)(a).
 - 5.3.3 Compliance certification shall be submitted to Ecology at:

Air Quality Section Manager
Department of Ecology
15 West Yakima Avenue, Suite 200
Yakima, Washington 98902

and EPA Region 10 at:

Part 70 Permit Coordinator/Laurie Kral
EPA Region 10
AWT-107
1200 Sixth Avenue
Seattle, Washington 98101

[WAC 173-401-630(5), 4/2/14]

5.3.4 The Permittee need not certify compliance for insignificant emission units or activities. [WAC 173-401-530(2)(d), 4/2/14]

5.3.5 For the purpose of submitting compliance certifications or establishing violations, the Permittee, shall not preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed. [40 CFR §60.11(g), 7/1/13]

[WAC 173-401-630(3), 4/2/14; WAC 173-401-510(2)(h)(iii), 9/16/02]

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6.0 APPLICABLE REQUIREMENTS

Until this permit expires, is modified or revoked, the Permittee is authorized to operate processes 1 through 5. These processes are subject to the requirements shown in Tables 6.1 through 6.5, and to the other terms and conditions specified in this permit.

- 6.1 Process 1 - Source Wide. The following requirements apply SOURCE WIDE; including, but not limited to, the solid waste landfill, the landfill gas flare, and petroleum contaminated soil and screening, unless an alternate requirement is specifically stated for a particular emissions unit. These applicable requirements apply to insignificant emissions units. However, since monitoring, recordkeeping, and reporting has not specifically been required by Ecology for insignificant emission units, per WAC 173-400-105(1st ¶), there are no air operating permit monitoring, recordkeeping, and reporting requirements for the insignificant emission units under this Source Wide section, as allowed per WAC 173-401-530(2)(c).

	Applicable Requirement (Source Wide)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'Applicable Requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.1.1	RCW 70.94.040, 2013	S	Unlawful for any person to cause air pollution or permit it to be caused in violation of RCW 70.94, or of any ordinance, resolution, rule or regulation validly promulgated thereunder.	None specified.	No additional monitoring required.
6.1.2	WAC 173-400-040(1st ¶), 8/20/93 WAC 173-400-040(1), 4/2/14; RCW 70.94.154(1), 2013	F S	All emissions units are required to use RACT.	None specified.	No additional monitoring required.
6.1.3	WAC 173-400-200(2), 8/20/93 WAC 173-400-200(2), 4/2/14	F S	No use of excess stack height or dispersion techniques shall be used to meet ambient air quality standards or PSD increments.	None specified.	No additional monitoring required.
6.1.4	WAC 173-400-205, 8/20/93 WAC 173-400-205, 4/2/14	F S	No varying of emissions according to atmospheric conditions or ambient concentrations, except as directed according to air pollution episode regulations.	None specified.	No additional monitoring required.

	Applicable Requirement (Source Wide)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under ‘Applicable Requirement’)	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.1.5	WAC 173-400-040(1), 8/20/93 WAC 173-400-040(2), 9/6/07; WAC 173-401-615(1), 4/2/14	F S	Opacity shall not exceed 20% for more than three (3) minutes, in any one (1) hour. (Note: See 6.3.18 for alternate opacity limit for the flare.)	Ecology Method 9A, “Source Test Manual - Procedures for Compliance Testing,” State of Washington Department of Ecology, 7/12/90 [WAC 173-401-615(1), 4/2/14]	1) The Permittee shall conduct monthly visible emissions surveys of all emission units during daylight hours as follows: a) the survey shall be conducted from a location with a clear view of the emission unit and where the sun is not directly in the observer’s eyes. The survey location shall be at least 15 feet but not more than 0.25 miles from the source; b) survey shall be conducted during operation; c) the observer will be educated in the general procedures for determining the presence of visible emissions (i.e. effects on the visibility of emissions caused by background contrast, position of the sun and amount of ambient lighting, and observer position relative to source and sun); d) the survey shall consist of a minimum 15-second visual observation of each emission unit to identify those emission units which exhibit visible emissions; e) in addition to the records required under Condition 3.5, the observer shall record the wind direction, sky condition, sun location with respect to the source and the survey location, and the time duration of the survey. 2) The Permittee shall conduct Ecology Method 9A testing of an emission unit when visible emissions, other than uncombined water, are observed during a survey or are otherwise observed by the Permittee. Testing shall be conducted as follows: a) testing shall be initiated as soon as possible, but not later than 24 hours after the requirement to conduct such testing is triggered; b) all testing shall be performed during periods when the subject emissions unit is operating; c) testing shall consist of certified opacity readings at 15-second intervals over a minimum period of six consecutive minutes (24 consecutive readings) unless any two readings are greater than 20% opacity in which case the testing period shall be 60 consecutive minutes or until a violation is documented. If a violation is documented, appropriate and timely action shall be taken (as soon as possible, but within 24 hours) to identify and correct the problem causing the opacity. The required recordkeeping shall include the name of the person recording the information, the name(s) of the person(s) taking the corrective action, and the nature, time, date, and effectiveness of any corrective action taken in response to a violation. [WAC 173-401-615(1), 4/2/14]

	Applicable Requirement (Source Wide)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under ‘Applicable Requirement’)	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.1.6	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.5.1, 2.6.3.4 WAC 173-401-615(1), 4/2/14	F S	Fugitive dust emissions shall not exceed 10 percent opacity, averaged over a 6-minute time period.	EPA Method 9, 40 CFR 60, Appendix A. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.6.3.4.]	1) The Permittee shall conduct monthly visible emissions surveys during daylight hours as follows: a) the survey shall be conducted from a location with a clear view of the source and where the sun is not directly in the observer’s eyes. The survey location shall be no more than 0.25 miles from the source; b) survey shall be conducted during operation; c) the observer will be educated in the general procedures for determining the presence of visible emissions (i.e. effects on the visibility of emissions caused by background contrast, position of the sun and amount of ambient lighting, and observer position relative to source and sun); d) the survey shall consist of a minimum 15-second visual observation of the source to identify those emission units which exhibit visible emissions; e) in addition to the records required under Condition 3.5, the observer shall record the wind direction, sky condition, sun location with respect to the source and the survey location, and the time duration of the survey. 2) The Permittee shall conduct EPA Method 9 testing of an emission unit when visible emissions, other than uncombined water, are observed during a survey or are otherwise observed by the Permittee. Testing shall be conducted as follows: a) testing shall be initiated as soon as possible, but not later than 24 hours after the requirement to conduct such testing is triggered; b) all testing shall be performed during periods when the subject emissions unit is operating; c) testing shall consist of certified opacity readings at 15-second intervals over a minimum period of six consecutive minutes. If a violation is documented, appropriate and timely action shall be taken (as soon as possible, but within 24 hours) to identify and correct the problem causing the opacity. The required recordkeeping shall include the name of the person recording the information, the name(s) of the person(s) taking the corrective action, and the nature, time, date, and effectiveness of any corrective action taken in response to a violation. [WAC 173-401-615(1), 4/2/14]

	Applicable Requirement (Source Wide)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under ‘Applicable Requirement’)	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.1.7	NOC Order No. 08AQ-C062, 7/9/08, Condition 2.4.1 WAC 173-401-615(1), 4/2/14	F S	Visible emissions, from landfill operations, at the property boundary shall not exceed 5% opacity.	EPA Method 9, 40 CFR 60, Appendix A. [NOC Order No. 08AQ-C062, 7/9/08, Condition 2.4.1]	1) The Permittee shall conduct monthly visible emissions surveys at the property boundary during daylight hours as follows: a) the survey shall be conducted from a location with a clear view of the emission unit and where the sun is not directly in the observer’s eyes. The survey location shall be at least 15 feet but not more than 0.25 miles from the source; b) survey shall be conducted during operation; c) the observer will be educated in the general procedures for determining the presence of visible emissions (i.e. effects on the visibility of emissions caused by background contrast, position of the sun and amount of ambient lighting, and observer position relative to source and sun); d) the survey shall consist of a minimum 15-second visual observation of each emission unit to identify those emission units which exhibit visible emissions; e) in addition to the records required under Condition 3.5, the observer shall record the wind direction, sky condition, sun location with respect to the source and the survey location, and the time duration of the survey. 2) The Permittee shall conduct EPA Method 9 testing of an emission unit when visible emissions, other than uncombined water, are observed during a survey or are otherwise observed by the Permittee. Testing shall be conducted as follows: a) testing shall be initiated as soon as possible, but not later than 24 hours after the requirement to conduct such testing is triggered; b) all testing shall be performed during periods when the subject emissions unit is operating; c) testing shall consist of certified opacity readings at 15-second intervals over a minimum period of six consecutive minutes. If a violation is documented, appropriate and timely action shall be taken (as soon as possible, but within 24 hours) to identify and correct the problem causing the opacity. The required recordkeeping shall include the name of the person recording the information, the name(s) of the person(s) taking the corrective action, and the nature, time, date, and effectiveness of any corrective action taken in response to a violation. [WAC 173-401-615(1), 4/2/14]

	Applicable Requirement (Source Wide)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under ‘Applicable Requirement’)	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.1.8	WAC 173-400-040(3), 4/2/14; NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.8.1	S	No person shall cause or permit the emission of PM from any source to be deposited beyond the property under direct control of the owner(s) or operator(s) of the source in sufficient quantity to interfere unreasonably with the use and enjoyment of the property upon which the material is deposited.	None specified.	The Permittee shall keep records of complaints as received from the public, Ecology, or any other entity. Complaints shall be promptly addressed and assessed. Records shall be maintained of the Permittee’s action to investigate the validity of the complaint and what, if any, corrective action was taken in response to the complaint. Ecology shall be notified within three (3) business days of receipt of any complaint. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.8.1]
6.1.9	WAC 173-400-040(3)(a), 8/20/93 NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.8.1 WAC 173-400-040(4)(a), 4/2/14	F S	Reasonable precautions shall be taken to control fugitive emissions.	None specified.	The Permittee shall keep records of complaints as received from the public, Ecology, or any other entity. Complaints shall be promptly addressed and assessed. Records shall be maintained of the Permittee’s action to investigate the validity of the complaint and what, if any, corrective action was taken in response to the complaint. Ecology shall be notified within three days of receipt of any complaint. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.8.1]
6.1.10	WAC 173-400-040(5), 8/20/93; NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.8.1 WAC 173-400-040(6), 4/2/14	F S	No emissions detrimental to persons or property.	None specified.	The Permittee shall keep records of complaints as received from the public, Ecology, or any other entity. Complaints shall be promptly addressed and assessed. Records shall be maintained of the Permittee’s action to investigate the validity of the complaint and what, if any, corrective action was taken in response to the complaint. Ecology shall be notified within three days of receipt of any complaint. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.8.1]
6.1.11	WAC 173-400-040(7), 8/20/93 WAC 173-400-040(8), 4/2/14	F S	No person shall cause or permit the installation or use of any means which conceals or masks an emission of an air contaminant.	None specified.	No additional monitoring required.

	Applicable Requirement (Source Wide)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under ‘Applicable Requirement’)	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.1.12	WAC 173-400-040(8)(a), 8/20/93 NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.8.1; NOC Order No. 08AQ-C062, 7/9/08, Condition 2.6.1 WAC 173-400-040(9)(a), 4/2/14	F S	Reasonable precautions shall be taken to prevent fugitive dust from becoming airborne.	None specified.	The Permittee shall keep records of complaints as received from the public, Ecology, or any other entity. Complaints shall be promptly addressed and assessed. Records shall be maintained of the Permittee’s action to investigate the validity of the complaint and what, if any, corrective action was taken in response to the complaint. Ecology shall be notified within three days of receipt of any complaint. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.8.1]
6.1.13	WAC 173-400-040(4), 4/2/14; NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.8.1; NOC Order No. 08AQ-C062, 7/9/08, Condition 2.5.1	S	Odors which may unreasonably interfere with use and enjoyment of property are prohibited unless recognized good practice and procedures are employed to reduce odors to a reasonable minimum.	None specified.	The Permittee shall keep records of complaints as received from the public, Ecology, or any other entity. Complaints shall be promptly addressed and assessed. Records shall be maintained of the Permittee’s action to investigate the validity of the complaint and what, if any, corrective action was taken in response to the complaint. Ecology shall be notified within three (3) business days of receipt of any complaint. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.8.1]
6.1.14	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.8.1, 2.11.10; NOC Order No. 08AQ-C062, 7/9/08, Conditions 2.5.2, 2.5.3, 2.9.2	S	Odors shall be controlled by an active gas collection and destruction system, a leachate collection and treatment system and waste management practices to avoid and minimize odors generated at the active face of the landfill.	In accordance with the Odor Impact Minimization Plan (OIMP). [NOC Order No. 08AQ-C062, 7/9/08, Condition 2.5.3]	The Permittee shall keep records of complaints as received from the public, Ecology, or any other entity. Any complaints shall be promptly addressed and assessed. A record shall be maintained of the Permittee’s action to investigate the validity of the complaint and what, if any, corrective action was taken in response to the complaint. Ecology shall be notified within three (3) business days of receipt of any complaint. In the event that odor from the project is detected beyond the property boundary of the site, the Permittee shall implement remedial measures to control odor and shall report in writing to Ecology on the measures taken and their effectiveness, within 180 days. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.8.1, 2.11.10] The OIMP shall be reviewed and updated, if necessary, at least once per calendar year. The OIMP shall be kept on-site and shall be made available upon request. [NOC Order No. 08AQ-C062, 7/9/08, Conditions 2.5.3, 2.9.2]

	Applicable Requirement (Source Wide)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under ‘Applicable Requirement’)	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.1.15	<p>NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.9, 2.11.4, 2.11.6; NOC Order No. 08AQ-C062, 7/9/08, Conditions 2.4.3, 2.9</p> <hr/> <p>WAC 173-401-615(1), 4/2/14</p>	<p>F</p> <hr/> <p>S</p>	<p>Equipment shall be properly maintained and operated. Operate according to the Operation and Maintenance (O&M) Manual. Regular maintenance records shall be kept at the facility.</p>	<p>The O&M manual(s) shall at a minimum include:</p> <ul style="list-style-type: none"> • Normal operating parameters for the emission unit or emission generating activity. • A maintenance schedule for each emission unit. • Monitoring and record keeping requirements. • A description of the monitoring procedures. • Actions for abnormal control system operation, including but not limited to requirements for reporting to Ecology any breakdown or malfunction which results in the emission of raw landfill gas and for undertaking immediate remedial measures to correct the problem and prevent further emissions into the atmosphere. <p>[NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.9]</p>	<p>The O&M Manual shall be kept on-site in a location known by and available to employees in direct operation of the described equipment. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.11.4; NOC Order No. 08AQ-C062, 7/9/08, Condition 2.9.2]</p> <p>The O&M manual shall be kept up-to-date to reflect any modifications to the facility or operating procedures. The O&M Manual shall be made available upon request and shall be reviewed and updated at least once per calendar year. [NOC Order No. 08AQ-C062, 7/9/08, Conditions 2.4.3, 2.9]</p> <p>Records shall be kept of the date of and personnel who performed the annual O&M Manual review. [WAC 173-401-615(1), 4/2/14]</p>

	Applicable Requirement (Source Wide)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under ‘Applicable Requirement’)	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.1.16	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.11.5; NOC Order No. 08AQ-C062, 7/9/08, Conditions 2.9.2, 2.9.4, 2.9.5, 2.9.7 WAC 173-401-615(1), 4/2/14	F S	Operation of equipment must be conducted in compliance with all data and specifications submitted as part of the underlying Notice of Construction applications unless otherwise approved by Ecology. It shall be grounds for rescission of approval to operate if physical operation is discontinued for a period of 18 months or more.	None specified.	NOC Order No. 00AQCR-1000 3rd Revision, and the data and specifications submitted as part of the application, shall be kept on file. This file shall be reviewed at least annually with records kept of the date of and personnel who performed such review. [WAC 173-401-615(1), 4/2/14] Legible copy of NOC Order No. 08AQ-C062 shall be kept on-site in a location known by and available to employees in direct operation of the described equipment and available to Ecology upon request. [NOC Order No. 08AQ-C062, 7/9/08, Condition 2.9.2]
6.1.17	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.10, 2.11.4; NOC Order No. 08AQ-C062, 7/9/08, Conditions 2.6.2, 2.9.2 WAC 173-401-615(1), 4/2/14	F S	Operate according to Fugitive Dust Control Plan (FDCP).	A FDCP shall be prepared using the guidelines in the document EPA-450/3-88-008. The FDCP shall include, but not be limited to, the following: 1) Measures to ensure that there is no vehicle track-out onto off-site roads. 2) All disturbed surfaces shall be paved, graveled at sufficient intervals to prevent visible emissions, or revegetated. 3) All onsite roads shall be paved, graveled or surface treated to prevent visible emissions. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.10]	The FDCP shall be kept on-site in a location known by and available to employees in direct operation of the described equipment [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.11.4; NOC Order No. 08AQ-C062, 7/9/08, Condition 2.9.2] The FDCP shall be and made available upon request and shall be reviewed and updated at least once per calendar year. [NOC Order No. 08AQ-C062, 7/9/08, Conditions 2.6.2, 2.9.2] Records shall be kept of the date of and personnel who performed the annual FDCP review. [WAC 173-401-615(1), 4/2/14]

	Applicable Requirement (Source Wide)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under ‘Applicable Requirement’)	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.1.18	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.10, 2.11.4; NOC Order No. 08AQ-C062, 7/9/08, Condition 2.6.3 WAC 173-401-615(1), 4/2/14	F S	All areas on which travel by waste hauling vehicles routinely occurs shall be paved, except within 150 feet of an existing or planned cell. Paved areas shall be regularly cleaned and swept. All other roadways shall be covered with crushed stone regularly controlled with water and/or chemical dust suppressants.	None specified.	Adhere to “Monitoring, Recordkeeping, and Reporting to be Performed by Permittee,” for Condition 6.1.17. [WAC 173-401-615(1), 4/2/14]
6.1.19	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.10; NOC Order No. 08AQ-C062, 7/9/08, Condition 2.6.4 WAC 173-401-615(1), 4/2/14	F S	Track out shall be minimized for all vehicles leaving the site. This may include tire washing, road sweeping, road washing or other methods, as needed.	None specified.	Adhere to “Monitoring, Recordkeeping, and Reporting to be Performed by Permittee,” for Condition 6.1.17. [WAC 173-401-615(1), 4/2/14]
6.1.20	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.11.1; NOC Order No. 08AQ-C062, 7/9/08, Condition 2.9.3	F	No outdoor burning shall be performed at the site.	None specified.	No additional monitoring required.

6.2 Process 2 - Municipal Solid Waste Landfill. The following applicable requirements apply to the MUNICIPAL SOLID WASTE LANDFILL (including Trench 1 and the Northeast half of North Berm and the expansion).

	Applicable Requirement (Municipal Solid Waste Landfill)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under ‘Applicable Requirement’)	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.2.1	40 CFR §60.4(a), §60.7(a)(4), §60.7(b), §60.7(f), 7/1/13 NOC Order No. 08AQ-C062, 7/9/08, Condition 2.1 WAC 173-400-115(1), 4/2/14	F S	Notification and recordkeeping.	Maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of the affected facility. Maintain a file of all measurements and performance testing measurements and all other information required by this part recorded in a permanent form suitable for inspection. [40 CFR §60.7(a)(b), §60.7(a)(f), 7/1/13; WAC 173- 400-115(1), 4/2/14; NOC Order No. 08AQ-C062, 7/9/08, Condition 2.1]	The Permittee shall furnish written notification of any physical or operational change which may increase the emission rate of any air pollutant to which a standard applies to: Region X Director Air and Waste Management Division U.S. Environmental Protection Agency 1200 Sixth Avenue Seattle, Washington 98101 And, Air Quality Section Manager Central Regional Air Quality Section Department of Ecology 15 West Yakima Avenue, Suite 200 Yakima, Washington 98902 [40 CFR §60.4(a), §60.7(a)(4), 7/1/13; WAC 173-400-115(1), 4/2/14; NOC Order No. 08AQ-C062, 7/9/08, Condition 2.1]
6.2.2	40 CFR §60.11(d), 7/1/13 NOC Order No. 08AQ-C062, 7/9/08, Condition 2.1 WAC 173-400-115(1), 4/2/14	F S	Maintain and operate any affected emission unit with good air pollution control practice for minimizing emissions.	None specified.	No additional monitoring required.
6.2.3	40 CFR §60.12, 7/1/13 NOC Order No. 08AQ-C062, 7/9/08, Condition 2.1 WAC 173-400-115(1), 4/2/14	F S	No circumvention.	None specified.	No additional monitoring required.

	Applicable Requirement (Municipal Solid Waste Landfill)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under ‘Applicable Requirement’)	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.2.4	<p>40 CFR §60.4(a), §60.752(b), §60.754(a)(1), §60.757(b), 7/1/13 (Landfill NSPS Subpart WWW)</p> <p>NOC Order No. 08AQ-C062, Condition 2.1, 7/9/08</p> <hr/> <p>WAC 173-400-115(1), 4/2/14</p>	<p>F</p> <hr/> <p>S</p>	<p>Calculate the NMOC emission rate for the landfill.</p>	<p>Calculate the NMOC emission rate:</p> $M_{NMOC} = \sum_{i=1}^n 2kL_oM_i(e^{-kti})C_{NMOC} (3.6 \times 10^{-9})$ <p>where,</p> <p>M_{NMOC} = Total NMOC emission rate from the landfill (Mg/year)</p> <p>k = methane generation rate constant = 0.02 year⁻¹ or as determined using Tier 3 per 40 CFR §60.754 (a)(4)</p> <p>L_o = methane generation potential = 170 m³/Mg solid waste</p> <p>M_i = mass of solid waste in the ith section (Mg)</p> <p>t_i = age of the ith section (yr)</p> <p>C_{NMOC} = concentration of NMOC = 714 ppm_v as hexane as measured by Tier 2 (10/24/13) until 10/24/18 or as determined using Tier 2 per 40 CFR §60.754(a)(3)</p> <p>3.6×10^{-9} = conversion factor</p> <p>The Permittee may use the actual gas flow rates to calculate NMOC emissions if the active gas collection system covers all areas of the site that are subjected to Tier 2 testing. [EPA document: <i>MSW Landfill NSPS and Emission Guidelines – Questions and Answers</i>, 9/1998]</p>	<p>If the calculated NMOC emission rate is less than 50 Mg/year, the Permittee shall recalculate the NMOC emission rate and submit emission reports until such time as the calculated NMOC emission rate is ≥ 50 Mg/year, or the landfill is closed. The Permittee shall submit an annual NMOC emission rate report to:</p> <p style="text-align: center;">Air Quality Section Manager Central Regional Air Quality Section Department of Ecology 15 West Yakima Avenue, Suite 200 Yakima, Washington 98902</p> <p>And,</p> <p style="text-align: center;">Region X Director Air and Waste Management Division U.S. Environmental Protection Agency 1200 Sixth Avenue Seattle, Washington 98101</p> <p>The NMOC emission rate report shall include all the data, calculations, sample reports and measurements used to estimate the emissions. Ecology or EPA may request such additional information as may be necessary to verify the reported NMOC emission rate.</p> <p>If the calculated NMOC emission rate is equal to or greater than 50 megagrams per year, the owner or operator shall submit a collection and control system design plan prepared by a professional engineer to the Administrator within 1 year. [40 CFR §60.4(a), §60.752(b), §60.757(b), 7/1/13; WAC 173-400-115(1), 4/2/14; NOC Order No. 08AQ-C062, Condition 2.1, 7/9/08]</p>

	Applicable Requirement (Municipal Solid Waste Landfill)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under ‘Applicable Requirement’)	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
				The mass of the nondegradable solid waste may be subtracted from the total mass of solid waste in a particular section of the landfill when calculating the value for M _i if properly documented. [40 CFR §60.754(a)(1), 7/1/13; WAC 173-400-115(1), 4/2/14; NOC Order No. 08AQ-C062, Condition 2.1, 7/9/08]	
6.2.5	40 CFR §60.4(a), §60.757(a)(3), 7/1/13 (Landfill NSPS Subpart WWW) NOC Order No. 08AQ-C062, Condition 2.1, 7/9/08 WAC 173-400-115(1), 4/2/14	F S	An amended design capacity report shall be submitted to the Administrator providing notification of any increase in the design capacity of the landfill.	None specified.	If triggered the Permittee shall submit an amended design capacity report to: Air Quality Section Manager Central Regional Air Quality Section Department of Ecology 15 West Yakima Avenue, Suite 200 Yakima, Washington 98902 And, Region X Director Air and Waste Management Division U.S. Environmental Protection Agency 1200 Sixth Avenue Seattle, Washington 98101 [40 CFR §60.4(a), 7/1/13; WAC 173-400-115(1), 4/2/14; NOC Order No. 08AQ-C062, Condition 2.1, 7/9/08]
6.2.6	40 CFR §60.758(a), 7/1/13 (Landfill NSPS Subpart WWW) NOC Order No. 08AQ-C062, 7/9/08, Condition 2.1 WAC 173-400-115(1), 4/2/14	F S	Keep for 5 years, up-to-date, readily accessible continuous records of the maximum design capacity, the current amount of solid waste in-place, and the year-by-year waste acceptance rate.	Off-site records may be maintained if they are retrievable within 4 hours. Either paper copy or electronic formats are acceptable. [40 CFR §60.758(a), 7/1/13; WAC 173-400-115(1), 4/2/14; NOC Order No. 08AQ-C062, Condition 2.1, 7/9/08]	No additional monitoring required.

	Applicable Requirement (Municipal Solid Waste Landfill)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under ‘Applicable Requirement’)	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.2.7	<p>40 CFR §61.154, 7/1/13 (Asbestos NESHAP Subpart M)</p> <p>NOC Order No. 08AQ-C062, Condition 2.1, 7/9/08</p> <hr/> <p>WAC 173-400-075(1), 4/2/14</p>	<p>F</p> <hr/> <p>S</p>	<p>In any active waste disposal site where asbestos-containing waste material has been deposited: (1) no visible emissions to the outside air; OR, (2) cover with ≥ 6 inches of compacted nonasbestos-containing material at the end of each operating day; OR, (3) cover with a chemical dust suppression agent (not to include any used, spent, or other waste oil) at the end of each operating day; OR, (4) use an alternative emissions control method that has received prior written approval by the EPA Administrator and Ecology according to the procedures described in 40 CFR §61.149(c)(2).</p>	<p>None specified.</p>	<p>No additional monitoring required.</p>

	Applicable Requirement (Municipal Solid Waste Landfill)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under ‘Applicable Requirement’)	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.2.8	40 CFR §61.154(b), 7/14/13 (Asbestos NESHAP Subpart M) NOC Order No. 08AQ-C062, 7/9/08, Condition 2.1 WAC 173-400-075(1), 4/2/14	F <			

	Applicable Requirement (Municipal Solid Waste Landfill)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'Applicable Requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.2.9	<p>40 CFR §61.154(e), 7/1/13 (Asbestos NESHAP Subpart M)</p> <p>NOC Order No. 08AQ-C062, 7/9/08, Condition 2.1</p> <hr/> <p>WAC 173-400-075(1), 4/2/14</p>	<p>F</p> <hr/> <p>S</p>	Maintain waste shipment records for all asbestos-containing waste material received.	None specified.	<p>Waste shipment records shall include:</p> <ul style="list-style-type: none"> • Name, address, and telephone number of the waste generator. • Name, address, and telephone number of the transporter(s). • Volume of waste. • Presence of improperly enclosed (leak-tight containers) or uncovered waste. • Date of waste receipt. <p>Send a copy of the signed waste shipment record to the waste generator within 30 days of receipt of the waste.</p> <p>If significant amount of improperly enclosed or uncovered waste, report in writing (with copy of waste shipment record) to the asbestos NESHAP program Administrator for the waste generator (as indicated in the waste shipment record),</p> <p style="text-align: center;">Air Quality Section Manager Central Regional Air Quality Section Department of Ecology 15 West Yakima Avenue, Suite 200 Yakima, Washington 98902</p> <p>And,</p> <p style="text-align: center;">EPA Region 10 Administrator 1200 Sixth Avenue Seattle, Washington 98101</p> <p>by the following working day. Describe the discrepancy and attempts to reconcile it, and submit a copy of the waste shipment record along with the report.</p> <p>Submit reports (with copy of waste shipment record) of unreconciled waste quantity discrepancies within 15 days of waste receipt to Ecology and EPA, at the addresses listed above. [40 CFR §61.154(e), 7/1/13; WAC 173-400-075(1), 4/2/14; NOC Order No. 08AQ-C062, Condition 2.1, 7/9/08]</p>

	Applicable Requirement (Municipal Solid Waste Landfill)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under ‘Applicable Requirement’)	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.2.10	40 CFR §61.154(f), 7/1/13 (Asbestos NESHAP Subpart M) NOC Order No. 08AQ-C062, 7/9/08, Condition 2.1 WAC 173-400-075(1), 4/2/14	F S	Maintain, until closure, records of the location, depth and area, and quantity in cubic meters (cubic yards) of asbestos-containing waste material within the disposal area on a map or diagram of the disposal area.	None specified.	No additional monitoring required.
6.2.11	40 CFR §61.154(i), 7/1/13 (Asbestos NESHAP Subpart M) NOC Order No. 08AQ-C062, 7/9/08, Condition 2.1 WAC 173-400-075(1), 4/2/14	F S	Furnish upon request, and make available during normal business hours for inspection by the Ecology and EPA, all records required by the Asbestos NESHAP.	None specified.	No additional monitoring required.
6.2.12	40 CFR §61.154(j), 7/1/13 (Asbestos NESHAP Subpart M) NOC Order No. 08AQ-C062, 7/9/08, Condition 2.1 WAC 173-400-075(1), 4/2/14	F S	Notify Ecology and EPA in writing at least 45 days prior to excavating or otherwise disturbing any asbestos-containing waste material that has been deposited at the site and is covered.	None specified.	Notification shall include: (1) Scheduled starting and completion dates. (2) Reason for disturbing waste. (3) Emission control procedures to be implemented. (4) Location of any temporary storage site and the final disposal site. If the excavation will begin on a date other than the one contained in the original notice, notice of the new start date must be provided to the Administrator at least 10 working days before excavation begins and in no event shall excavation begin earlier than the date specified in the original notification. [40 CFR §61.154(j), 7/1/13; WAC 173-400-075(1), 4/2/14; NOC Order No. 08AQ-C062, Condition 2.1, 7/9/08]

	Applicable Requirement (Municipal Solid Waste Landfill)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under ‘Applicable Requirement’)	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.2.13	NOC Order No. 08AQ-C062, 7/9/08, Condition 2.3 WAC 173-400-615(1), 4/2/14	F S	The landfill may accept up to 3,119 tons per day of waste AND 810,940 tons per year of waste, not to include “dangerous waste” or “hazardous waste”, as defined by WAC 173-303-040.	None specified.	The Permittee shall keep record of the weight of solid waste accepted by the landfill per day and per year. [WAC 173-401-615(1), 4/2/14]
6.2.14	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.7.3 WAC 173-400-615(1), 4/2/14	F S	All collected landfill gas shall be vented to the control system.	None specified.	Records shall be kept of all periods when the LFG collection and control system is inoperable, the gas mover system is shut down, or the valves in the collection and control system are closed. [WAC 173-401-615(1), 4/2/14]

	Applicable Requirement (Municipal Solid Waste Landfill)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under ‘Applicable Requirement’)	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.2.15	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.6.1, 2.6.2, 2.7.1, 2.8.3	F	Surface concentrations of methane shall be monitored quarterly along the entire perimeter of the final cover area and along a pattern that traverses the landfill cover. If any reading > 500 ppm methane is obtained, retest within 10 days and again within one month of original reading. If either retesting obtains a result > 500 ppm methane, the active gas collection system shall be altered or expanded to provide additional collection.	<p>Surface emission monitoring shall be performed in accordance with 40 CFR 60, Appendix A, Method 21, Section 4.3.1, except that the probe inlet shall be placed within 5 to 10 centimeters of the ground. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.6.2]</p> <p>Monitor at 30 meter intervals using an organic vapor analyzer, flame ionization detector, or other portable monitor that meets the instrument specifications provided in 40 CFR 60, Appendix A, Method 21, Section 3, except that “methane” shall replace all references to VOC and the calibration gas shall be methane, diluted to a nominal concentration of 500 ppm in air. 40 CFR 60, Appendix A, Method 21, Section 4.4 shall be used to meet the performance evaluation requirements in Section 3.1.3. The calibration procedures provided in 40 CFR 60, Method 21, Section 4.2 shall be followed immediately before commencing a surface monitoring survey. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.6.1.1, 2.6.1.2, 2.6.1.3, 2.6.1.4]</p>	Within 30 days of conducting any testing the Permittee shall submit a written report of the results to Ecology. The report shall include, but not be limited to, a summary section that reports the number of readings over 500 ppm methane for the just concluded testing and for the life of the project and the Permittee’s proposed response to the readings. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.8.3]

	Applicable Requirement (Municipal Solid Waste Landfill)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under ‘Applicable Requirement’)	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.2.16	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.7.2 WAC 173-400-615(1), 4/2/14	F S	Active gas collection must be operated to avoid excess air infiltration, which creates a fire hazard. No fires in landfill.	None specified	The O&M Manual shall include temperature and oxygen or nitrogen monitoring of wells to detect excess air infiltration and immediate response to abnormal readings. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.7.2] Records shall be kept of all well monitoring of an active gas collection system. [WAC 173-401-615(1), 4/2/14]
6.2.17	NOC Order No. 08AQ-C062, 7/9/08, Condition 2.4.2	F	Landfill gas collection system shall be installed and operating in accordance with: <ul style="list-style-type: none"> • NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08 • 40 CFR Part 60 Subpart WWW, 7/1/13 • 40 CFR Part 63 Subpart AAAA, 7/1/13. 	None specified	No additional monitoring required.
6.2.18	NOC Order No. 08AQ-C062, 7/9/08, Condition 2.2.2 WAC 173-400-615(1), 4/2/14	F S	Landfill gas vinyl chloride concentration shall not exceed 1.2 ppmv.	As specified in applicable requirement 6.3.14. [WAC 173-401-615(1), 4/2/14]	Adhere to “Monitoring, Recordkeeping, and Reporting to be Performed by Permittee,” for Condition 6.3.14. [WAC 173-401-615(1), 4/2/14]
6.2.19	NOC Order No. 08AQ-C062, 7/9/08, Conditions 2.2.3, 2.2.4	F	Landfill gas H ₂ S concentration shall not exceed 292 ppm _v .	EPA Method 16, 40 CFR 60, Appendix A. [NOC Order No. 08AQ-C062, 7/9/08, Condition 2.2.4]	The landfill gas concentration shall be tested, at the flare inlet, at least once each 12-month period. If a test shows the H ₂ S concentration is > 75 % of the limit, the landfill gas H ₂ S concentration shall be tested, at the flare inlet, at least once each calendar month, until such time as 12 consecutive tests show that the concentration is < 75 % of the limit. If a test shows that the concentration is > 90% of the limit, continuous H ₂ S monitoring shall be performed at the downwind property boundary, according to NOC Order No. 08AQ-C062, Conditions 2.2.4.2.1 and 2.2.4.2.2. [NOC Order No. 08AQ-C062, Condition 2.2.4, 7/9/08]

6.3 Process 3 - Landfill Gas Flare. The following applicable requirements apply to the LANDFILL GAS FLARE.

	Applicable Requirement (Landfill Gas Flare)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under ‘Applicable Requirement’)	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.3.1	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.3.1, 2.3.2, 2.3.3 6/22/01 O&M Manual and 6/22/01 FDCP submitted per Proposed Decision Regarding NOC Order No. 00AQCR-1000, 4/21/00, Conditions 2.3.1, 2.3.2, 2.3.3 WAC 173-401-615(1), 4/2/14	F S	PM, CO, & NO _x emissions shall be controlled by flare design and proper O&M.	None specified.	Adhere to “Monitoring, Recordkeeping, and Reporting to be Performed by Permittee,” for Condition 6.2.14. [WAC 173-401-615(1), 4/2/14] Adhere to “Monitoring, Recordkeeping, and Reporting to be Performed by Permittee,” for Conditions 6.1.15 and 6.1.17. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.3.1]
6.3.2	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.3.1	F	LFG shall be treated by a knockout vessel prior to being combusted in the enclosed flare.	None specified.	No additional monitoring required.
6.3.3	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.3.2, 2.5.3, 2.6.3, 2.8.3	F	Enclosed flare CO emissions not to exceed 0.1 lb/MMBtu.	An independent testing firm shall conduct 40 CFR 60 Appendix A, RM 10 (exhaust only). Sampling ports and platforms must be provided. Adequate permanent and safe access to the test ports must be provided. All source testing shall consist of 3 separate runs. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.6.3.1, 2.6.3.3, 2.6.3.4]	Test plans shall be submitted to Ecology at least 30 days prior to any source testing. Within 30 days of conducting any testing the Permittee shall submit a written report of the results to Ecology. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.6.3.2, 2.8.3]

	Applicable Requirement (Landfill Gas Flare)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under ‘Applicable Requirement’)	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.3.4	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.3.5, 2.5.5, 2.6.3, 2.8.3	F	Enclosed flare SO ₂ emissions not to exceed 0.090 lb/MMBtu.	An independent testing firm shall conduct 40 CFR 60 Appendix A, RM 6 (exhaust only). Sampling ports and platforms must be provided. Adequate permanent and safe access to the test ports must be provided. All source testing shall consist of 3 separate runs. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.6.3.1, 2.6.3.3, 2.6.3.4]	Test plans shall be submitted to Ecology at least 30 days prior to any source testing. Within 30 days of conducting any testing the Permittee shall submit a written report of the results to Ecology. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.6.3.2, 2.8.3]
6.3.5	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.3.3, 2.5.4, 2.6.3, 2.8.3	F	Enclosed flare NO _x emissions not to exceed 0.06 lb/MMBtu.	An independent testing firm shall conduct 40 CFR 60 Appendix A, RM 7E (exhaust only). Sampling ports and platforms must be provided. Adequate permanent and safe access to the test ports must be provided. All source testing shall consist of 3 separate runs. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.6.3.1, 2.6.3.3, 2.6.3.4]	Test plans shall be submitted to Ecology at least 30 days prior to any source testing. Within 30 days of conducting any testing the Permittee shall submit a written report of the results to Ecology. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.6.3.2, 2.8.3]
6.3.6	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.3.4, 2.4.1, 2.4.2	F	VOC, H ₂ S and other sulfur compounds, & organic TAP emissions shall be controlled by continuous operation of an active gas collection system.	An active gas collection system shall meet the gas collection system requirements of 40 CFR 60, Subpart WWW. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.3.4]	Keep records of the date of installation and the location of each well or collection system expansion added. [WAC 173-401-615(1), 4/2/14]

	Applicable Requirement (Landfill Gas Flare)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under ‘Applicable Requirement’)	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.3.7	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.5.7, 2.7.4, 2.7.7.1, 2.7.7.5, 2.7.7.6	F	Flare capacity shall not exceed 2000 scfm and 60.5 MMBtu/hr.	None specified.	Install a device that records flow to, or bypass of, the enclosed flare. Monitor LFG flow rate with a flow indicator & recorder, which must operate continuously ^{1,2} . [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.7.4, 2.7.7.1]
6.3.8	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.7.5, 2.7.7.2, 2.7.7.5, 2.7.7.6	F	An interlock or some other failsafe device shall prevent LFG from entering the flare if the temperature in the combustion chamber is < 1500 °F, except during the first 15 minutes following startup of the flare.	None specified.	The flare shall be equipped with a temperature indicator & recorder which measures and records the gas temperature in the flare stack. This temperature indicator and recorder must operate continuously ^{1,2} . The temperature indicator shall be located above the flame zone, at least three feet below the top of the flare shroud and at least 0.6 seconds downstream of the burner. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.7.7.2, 2.7.7.5, 2.7.7.6]
6.3.9	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.7.6	F	Flare shall be equipped with a LFG shut-off safety system, which in the event of emergency, automatically isolates the flare from the LFG supply line, shuts off the blower, and triggers a failure alarm to notify a responsible party of the shutdown.	None specified.	The safety system shall be tested monthly to ensure it is working properly and the results recorded. Tests may be conducted electronically, without an actual flare shutdown. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.7.6]
6.3.10	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.7.7.3, 2.7.7.6	F	A pressure differential indicator must be continuously ¹ maintained across the flame arrester.	None specified.	No additional monitoring required.

¹ Continuously shall mean 95% of the monthly enclosed flare operation, except for periods of monitoring system down-time, provided that the Permittee demonstrates that the down time was not a result of inadequate design, operation, maintenance, or any other reasonably preventable condition, and any necessary repairs to the monitoring system were conducted in a timely manner.

² All recording devices must be synchronized based on the time of the day.

	Applicable Requirement (Landfill Gas Flare)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'Applicable Requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.3.11	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.7.7.4 WAC 173-401-615(1), 4/2/14	F S	Monthly readings of Btu content of the gas at the inlet of the flare shall be taken.	Calculate the Btus as follows: $Btu_{LFG}/scf = (\% CH_4) \times (101,200)$ [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.7.7.4]	Measure the percentage of methane ($\%CH_4$) in the LFG, either using the method specified in Condition 6.3.16 or through the use of a field instrument, and calculate Btus. Records shall be kept of all calculations. [WAC 173-401-615(1), 4/2/14]
6.3.12	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.7.7.5	F	All recording devices must be synchronized based on the time of the day.	None specified.	No additional monitoring required.
6.3.13	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.3.4, 2.4.2, 2.5.6, 2.7.7.2, 2.7.7.5, 2.7.7.6	F	Flare shall be operated at a temperature ≥ 1500 °F with a retention time ≥ 0.6 seconds.	None specified.	The flare shall be equipped with a temperature indicator and recorder which measures and records the gas temperature in the flare stack. This temperature indicator and recorder must operate continuously ^{1, 2} . The temperature indicator shall be located above the flame zone, at least three feet below the top of the flare shroud and at least 0.6 seconds downstream of the burner. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.7.7.2]
6.3.14	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.3.4, 2.4.2, 2.5.6, 2.6.3, 2.8.3	F	NMOC and organic TAP destruction efficiency $\geq 99\%$.	An independent testing firm shall conduct 40 CFR 60 Appendix A, RM 25A (as hexane) for NMOC, TO-14 for TAP. Sampling ports and platforms must be provided. Adequate permanent and safe access to the test ports must be provided. All source testing shall consist of 3 separate runs. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.6.3.1, 2.6.3.3, 2.6.3.4]	Test plans shall be submitted to Ecology at least 30 days prior to any source testing. Within 30 days of conducting any testing the Permittee shall submit a written report of the results to Ecology. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.6.3.2, 2.8.3]

¹ Continuously shall mean 95% of the monthly enclosed flare operation, except for periods of monitoring system down-time, provided that the Permittee demonstrates that the down time was not a result of inadequate design, operation, maintenance, or any other reasonably preventable condition, and any necessary repairs to the monitoring system were conducted in a timely manner.

² All recording devices must be synchronized based on the time of the day.

	Applicable Requirement (Landfill Gas Flare)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under ‘Applicable Requirement’)	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.3.15	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.4.1, 2.5.6, 2.6.3 WAC 173-401-615(1), 4/2/14	F S	H ₂ S and other sulfur compounds shall undergo ≥ 99% conversion to SO ₂ .	An independent testing firm shall conduct 40 CFR 60 Appendix A, RM 16 for H ₂ S and other speciated sulfur compounds and RM 6 (exhaust only) for SO ₂ . [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.6.3.1, 2.6.3.3, 2.6.3.4]	Adhere to “Monitoring, Recordkeeping, and Reporting to be Performed by Permittee,” for Condition 6.3.16. [WAC 173-401-615(1), 4/2/14]
6.3.16	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.6.3, 2.8.3	F	Source tests shall be performed at intervals ≤ five (5) years for the life of the unit. Source tests shall include a test for: velocity & flowrate, moisture, Btu content (inlet only), O ₂ , CO ₂ , NO _x (exhaust only), CO (exhaust only), SO ₂ (exhaust only), total PM (exhaust only), NMOC, methane, speciated organic TAPs, HCl, H ₂ S and other speciated sulfur compounds, and opacity (exhaust only). (Note: Next source test due by 7/11/17)	Methods as indicated in other applicable requirements. 40 CFR 60, Appendix A, RM 2C for velocity and flowrate; RM 4 for moisture; RM TO-14 (inlet only), for Btu content; RM3A for O ₂ and CO ₂ ; RM 5 (exhaust only) & 40 CFR 51 RM 202 (exhaust only) for total PM; RM 25A (as methane) for methane; and RM 26 for HCl. Sampling ports and platforms must be provided. Adequate permanent and safe access to the test ports must be provided. All source testing shall consist of 3 separate runs. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.6.3.1, 2.6.3.3, 2.6.3.4]	Test plans shall be submitted to Ecology at least 30 days prior to any source testing. Within 30 days of conducting any testing the Permittee shall submit a written report of the results to Ecology. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.6.3.2, 2.8.3]
6.3.17	NOC Order No. 08AQ-C062, 7/9/08, Condition 2.4.2	F	The landfill gas control system shall be installed and operated in accordance with NOC Order No. 00AQCR-1000 3rd Revision, 40 CFR Part 60 Subpart WWW and 40 CFR Part 63 Subpart AAAA, as applicable.	None specified	No additional monitoring required.

	Applicable Requirement (Landfill Gas Flare)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under ‘Applicable Requirement’)	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.3.18	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Conditions 2.5.2, 2.6.3 WAC 173-401-615(1), 4/2/14	F S	No visible emissions from the flare.	Concurrent with the source tests required under Condition 6.3.16, an independent testing firm shall conduct 40 CFR 60 Appendix A, RM 9. Test plans shall be submitted to Ecology at least 30 days prior to any source testing. Sampling ports and platforms must be provided. Adequate permanent and safe access to the test ports must be provided. All source testing shall consist of 3 separate runs. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.6.3]	1) The Permittee shall conduct monthly visible emissions surveys of each flare during daylight hours as follows: a) the survey shall be conducted from a location with a clear view of the emission unit and where the sun is not directly in the observer’s eyes. The survey location shall be at least 15 feet but not more than 0.25 miles from the source; b) survey shall be conducted during operation; c) the observer will be educated in the general procedures for determining the presence of visible emissions (i.e. effects on the visibility of emissions caused by background contrast, position of the sun and amount of ambient lighting, and observer position relative to source and sun); d) the survey shall consist of a minimum 15-second visual observation of each emission unit to identify those emission units which exhibit visible emissions; e) in addition to the records required under Condition 3.5, the observer shall record the wind direction, sky condition, sun location with respect to the source and the survey location, and the time duration of the survey. 2) The Permittee shall conduct EPA Method 9 testing of an emission unit when visible emissions, other than uncombined water, are observed during a survey or are otherwise observed by the Permittee. Testing shall be conducted as follows: a) testing shall be initiated as soon as possible, but not later than 24 hours after the requirement to conduct such testing is triggered; b) all testing shall be performed during periods when the subject emissions unit is operating; c) testing shall consist of certified opacity readings at 15-second intervals over a minimum period of six consecutive minutes. If a violation is documented, appropriate and timely action shall be taken (as soon as possible, but within 24 hours) to identify and correct the problem causing the opacity. The required recordkeeping shall include the name of the person recording the information, the name(s) of the person(s) taking the corrective action, and the nature, time, date, and effectiveness of any corrective action taken in response to a violation. [WAC 173-401-615(1), 4/2/14]

6.4 Process 4 - Petroleum Contaminated Soil and Screening. The following applicable requirements apply to the PCS & SCREENING.

	Applicable Requirement (PCS & Screening)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under ‘Applicable Requirement’)	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.4.1	NOC Order No. 08AQ-C062, 7/9/08, Condition 2.7.1 WAC 173-401-615(1), 4/2/14	F S	No soils shall be accepted unless that soil has been analyzed for TPH and BTEX.	Guidance for Remediation of Petroleum Contaminated Sites, Washington State Department of Ecology, Revised October 2011, Document number 10-09-057 [NOC Order No. 08AQ-C062, 7/9/08, Condition 2.7.1; WAC 173-401-615(1), 4/2/14]	Separate records, including TPH analyses, shall be kept for each batch of soil accepted. A “batch” is soils originating from the same excavation. [WAC 173-401-615(1), 4/2/14]
6.4.2	NOC Order No. 08AQ-C062, 7/9/08, Condition 2.7.2 WAC 173-401-615(1), 4/2/14	F S	PCS handling shall be conducted using techniques which minimize the uncontrolled volatilization of petroleum product.	None specified.	Adhere to “Monitoring, Recordkeeping, and Reporting to be Performed by Permittee,” for Condition 6.1.15. [WAC 173-401-615(1), 4/2/14]
6.4.3	NOC Order No. 08AQ-C062, 7/9/08, Conditions 2.7.3, 2.7.4 WAC 173-401-615(1), 4/2/14	F S	PCS may be disposed of, placed and stored only over lined portions of the landfill. Lined shall mean an area which consists of an approved MSW bottom liner.	None specified.	Adhere to “Monitoring, Recordkeeping, and Reporting to be Performed by Permittee,” for Condition 6.1.15. [WAC 173-401-615(1), 4/2/14]
6.4.4	NOC Order No. 08AQ-C062, 7/9/08, Condition 2.7.5 WAC 173-401-615(1), 4/2/14	F S	PCS shall not be stored on-site for more than 48 hours prior to placement in the landfill, except that diesel or heavy hydrocarbon petroleum product contaminated soils to be screened may be stored for a longer period.	None specified.	Adhere to “Monitoring, Recordkeeping, and Reporting to be Performed by Permittee,” for Condition 6.1.15. [WAC 173-401-615(1), 4/2/14]

	Applicable Requirement (PCS & Screening)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under ‘Applicable Requirement’)	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.4.5	NOC Order No. 08AQ-C062, 7/9/08, Conditions 2.7.6, 2.7.7, 2.7.8	F	Up to 28,786 tons per year of soils contaminated with only with diesel or heavy hydrocarbon petroleum products may be screened. Soils contaminated with gasoline or non petroleum products may not be screened.	None specified.	Separate records, including TPH analyses, shall be kept for each batch of soil to be used for screening. A “batch” is soils originating from the same excavation. [NOC Order No. 08AQ-C062, 7/9/08, Condition 2.7.7]
6.4.6	NOC Order No. 08AQ-C062, 7/9/08, Condition 2.7.9	F	No PCS or screened rock may be removed from the site.	None specified.	No additional monitoring required.
6.4.7	NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.11.10; NOC Order No. 08AQ-C062, 7/9/08, Conditions 2.5.3, 2.7.10, 2.9.2	F	Petroleum product odor shall not be detectable on-site.	Fugitive odors shall be monitored and managed in accordance with the Odor Impact Minimization Plan (OIMP). [NOC Order No. 08AQ-C062, 7/9/08, Condition 2.5.3]	In the event that odor from the project is detected beyond the property boundary of the site, the Permittee shall implement remedial measures to control odor and shall report in writing to Ecology on the measures taken and their effectiveness, within 180 days. [NOC Order No. 00AQCR-1000 3rd Revision, 3/7/08, Condition 2.11.10] The OIMP shall be reviewed and updated, if necessary, at least once per calendar year. The OIMP shall be kept on-site and shall be made available upon request. [NOC Order No. 08AQ-C062, 7/9/08, Conditions 2.5.3, 2.9.2]

6.5 Process 5 - Gasoline Dispensing Facility. The following applicable requirements apply to the 100 GALLON GASOLINE STORAGE TANK.

	Applicable Requirement (Gasoline Dispensing Facility)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as listed under 'Applicable Requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by the Permittee
6.5.1	40 CFR §63.11113(b), §63.11116, 7/1/13 (<i>Gasoline Dispensing Facility NESHAP Subpart CCCCCC</i>) WAC 173-400-075(6)(c), 4/2/14	F S	The Permittee shall not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Measures to be taken include, but are not limited to, the following: <ul style="list-style-type: none"> • Minimize gasoline spills. • Clean up spills as expeditiously as practicable. • Cover all open gasoline containers and all gasoline storage tank fill-pipes with a gasketed seal when not in use (portable gasoline containers that meet the requirements of 40 CFR Part 59, Subpart F, are considered acceptable containers). • Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators. 	None specified.	The Permittee shall have records available within 24 hours of a request by the Administrator, or Ecology, to document your gasoline throughput. [40 CFR §63.11116(b), 7/1/13; WAC 173-400-075(6)(c), 4/2/14]

7.0 INAPPLICABLE REQUIREMENTS

The Permittee did not request that any requirements be deemed inapplicable.